

Title (en)

AMPLIFIER ARRANGEMENT WITH PARALLEL-OPERATED AMPLIFIER SECTIONS

Publication

**EP 0031182 B1 19830720 (EN)**

Application

**EP 80201182 A 19801209**

Priority

NL 7909126 A 19791219

Abstract (en)

[origin: CA1146640A] PHN 9596 6 An amplifier arrangement having an input coupled to the input of n amplifier sections ( $n \geq 2$ ), whose outputs are connected single-ended, each via a corresponding resistor, to a common output circuit. The voltage derived from the output of the kth amplifier section is applied together with the input voltage of this amplifier section to a difference element whose output signal is applied to the input of the (k+1)th amplifier section (k ranging from 1 to n and n+1 representing the first amplifier section). By means of this measure an arrangement has been obtained which has a very low distortion and also has a very high output power.

IPC 1-7

**H03F 1/32**; **H03F 1/34**; **H03F 3/21**; **H03F 3/68**

IPC 8 full level

**H03F 1/34** (2006.01); **H03F 1/32** (2006.01); **H03F 3/21** (2006.01); **H03F 3/68** (2006.01)

CPC (source: EP US)

**H03F 1/3223** (2013.01 - EP US); **H03F 3/211** (2013.01 - EP US); **H03F 3/68** (2013.01 - EP US)

Citation (examination)

- GB 2010039 A 19790620 - PHILIPS NV
- GB 1487688 A 19771005 - LICENTIA GMBH

Cited by

EP0095758A1; EP0660510A1; GB2279528A; GB2238684A; GB2238684B

Designated contracting state (EPC)

CH DE FR GB IT LI NL

DOCDB simple family (publication)

**EP 0031182 A1 19810701**; **EP 0031182 B1 19830720**; AU 536889 B2 19840531; AU 6544480 A 19810625; CA 1146640 A 19830517; DE 3064333 D1 19830825; JP S5694808 A 19810731; JP S642285 B2 19890117; NL 7909126 A 19810716; US 4480229 A 19841030

DOCDB simple family (application)

**EP 80201182 A 19801209**; AU 6544480 A 19801217; CA 366568 A 19801211; DE 3064333 T 19801209; JP 17796880 A 19801216; NL 7909126 A 19791219; US 45083882 A 19821220